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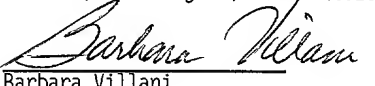
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Serial No. :

Filed : Herewith

For : MAGNETIC CORE INCLUDING
BIAS MAGNET AND
INDUCTOR COMPONENT...


Barbara Villani

Art Unit :
Examiner :

In the event that this Paper is late filed, and the necessary petition for extension of time is not filed concurrently herewith, please consider this as a Petition for the requisite extension of time, and to the extent not tendered by check attached hereto, authorization to charge the extension fee, or any other fee required in connection with this Paper, to Account No. 06-1378.

PRELIMINARY AMENDMENT

Hon. Commissioner of Patents
and Trademarks

S I R :

IN THE CLAIMS:

Please substitute amended claim 28 as follows:

28. (amended) An inductor component, wherein at least one turn of a coil is applied to the magnetic core according to claim 1.

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20. The magnetic core according to claim 6, wherein the resin is at least one selected from the group consisting of polypropylene resins, 6-nylon resins, 12-nylon resins, polyimide resins, polyethylene resins, and epoxy resins.

21. The magnetic core according to claim 6, wherein the surface of the permanent magnet is coated with a resin or a heat-resistant coating having a heat resistance temperature of 120°C or more.

22. The magnetic core according to claim 6, wherein the magnet powder is a rare-earth magnet powder selected from the group consisting of SmCo, NdFeB, and SmFeN.

23. The magnetic core according to claim 6, wherein the magnet powder has an intrinsic coercive force of 10 kOe or more, a Curie point of 500°C or more, and an average particle diameter of the powder of 2.5 to 50 μm .

24. The magnetic core according to claim 23, wherein the magnet powder is a Sm-Co magnet.

25. The magnetic core according to claim 23, wherein the SmCo rare-earth magnet powder is an alloy powder represented by $\text{Sm}(\text{Co}_{\text{bal}}\text{Fe}_{0.15} \text{ to } 0.25\text{Cu}_{0.05} \text{ to } 0.06\text{Zr}_{0.02} \text{ to } 0.03})_{7.0} \text{ to } 8.5$.

26. The magnetic core according to claim 23, wherein the resin content is 30 vol% or more.

27. The magnetic core according to claim 23, wherein the resin is at least one selected from the group consisting of polyimide resins, poly(amide-imide) resins, epoxy resins, poly(phenylene sulfide) resins, silicone resins, polyester resins, aromatic polyamide resins, and liquid crystal polymers.

✓ 28. An inductor component, wherein at least one turn of ^acoil is applied to the magnetic core according to ^{claim 1}any one of claims 1 to 27.